



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Adopt Resolution Authorizing City Manager to Enter into Contracts to Purchase and/or Reactivate Replacement Granular Activated Carbon for DBCP Treatment Systems at City Drinking Water Wells (\$230,000)

MEETING DATE: April 20, 2005

PREPARED BY: Public Works Director

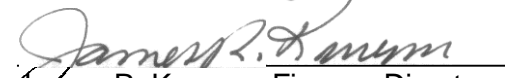
RECOMMENDED ACTION: That the City Council adopt a resolution authorizing the City Manager to enter into contracts to purchase and/or reactivate replacement Granular Activated Carbon (GAC) for DBCP treatment systems at City drinking water wells.

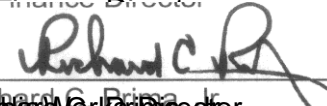
BACKGROUND INFORMATION: The City of Lodi currently has six wells with treatment systems that use GAC to remove dibromochloropropane (DBCP). The wells must have this treatment in order to be used by the City water system. Four systems are anticipated to require GAC replacement during the 2004/05 and 2005/06 budget periods. The cost of replacing and/or reactivating GAC is between \$42,000 and \$72,000 per well, totaling approximately \$230,000 for four wells. The life of the GAC in a treatment system has varied between 29 and 40 months. Currently, using innovative operating strategies, three systems have had GAC on line for over 55 months and two systems for over 40 months. When breakthrough of DBCP occurs, the treatment system must be taken off line and the spent GAC replaced/reactivated. At this time, it cannot be exactly determined when breakthrough will occur in any of the systems. Breakthrough could occur before July 1, 2005, or in the 2005/2006 fiscal year. The treatment systems contain between 60,000 and 90,000 pounds of GAC each. Reactivation of the spent carbon will allow the City to obtain applicable recycle credits.

For the two most recent replacements of GAC, the City has participated in GAC contracts taking advantage of bid prices for larger water systems. GAC manufacturers/vendors have again expressed a willingness to allow us to participate in such a contract. An informal bidding process will evaluate prices, quality of GAC, reactivation credits, services provided, and availability.

FISCAL IMPACT: The funds for this project will be coming from the Water Utility Fund's DBCP Operations and Maintenance account which is funded, in part, under the terms of the DBCP settlement. The funds were budgeted in 2004/05 and are in the proposed 2005/06 budget.

FUNDING AVAILABLE: The \$230,000 is budgeted in the Water Utility Fund


James R. Krueger, Finance Director


Richard C. Brigg, Jr.
Public Works Director

RCP/FRB/fb

APPROVED: 
Blair King, City Manager

RESOLUTION NO. 2005-72

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING
THE CITY MANAGER TO ENTER INTO CONTRACTS TO PURCHASE
AND/OR REACTIVATE REPLACEMENT GRANULAR ACTIVATED
CARBON FOR DBCP TREATMENT SYSTEMS AT CITY DRINKING
WATER WELLS

WHEREAS, the City of Lodi currently has six wells with treatment systems that use granular activated carbon (GAC) to remove dibromochloropropane (DBCP). The wells must have this treatment in order to be used by the City water system; and

WHEREAS, four systems are anticipated to require GAC replacement during the 2004-05 and 2005-06 budget periods. The cost of replacing and/or reactivating GAC is between \$42,000 and \$72,000 per well, totaling approximately \$230,000 for four wells; and

WHEREAS, the life of the GAC in a treatment system has varied between 29 and 40 months. Currently, using innovative operating strategies, three systems have had GAC on line for over 55 months and two systems for over 40 months. When breakthrough of DBCP occurs, the treatment system must be taken off line and the spent GAC replaced/reactivated. Reactivation of the spent carbon will allow the City to obtain applicable recycle credits; and

WHEREAS, for the *two* most recent replacements of GAC, the City has participated in GAC contracts, taking advantage of bid prices for larger water systems. GAC manufacturers/vendors have again expressed a willingness to allow the City to participate in such a contract. An informal bidding process will evaluate prices, quality of GAC, reactivation credits, services provided, and availability; and

WHEREAS, staff recommends that the City Council authorize the City Manager to enter into contracts to purchase and/or reactivate replacement GAC for DBCP treatment systems at City drinking water wells.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby authorize the City Manager to enter into contracts to purchase and/or reactivate GAC for DBCP treatment systems at City drinking water wells in the amount of \$230,000, funds for which will come from the Water Utility Fund's DBCP Operations and Maintenance account, funded, in part, under the terms of the DBCP settlement.

Dated: April 20, 2005

I hereby certify that Resolution No. 2005-72 was passed and adopted by the Lodi City Council in a regular meeting held April 20, 2005, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Hitchcock, Johnson, Mounce, and
Mayor Beckman

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


SUSAN J. BLACKSTON
City Clerk